



Honeywell

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India

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WEARABLE

8680i Wearable Mini Mobile Computer

The 8680i wearable mini mobile computer is a compact, ergonomic, high-performance scanning solution worn on one hand and designed to help streamline high-volume workflows such as picking, sorting, putaway, and packing.

Overview



Feedback

The Honeywell 8680i Wearable Mini Mobile Computer is an advanced compact, ergonomic, high-performance Bluetooth®-wearable scanning solution worn on one hand and designed to help businesses streamline high-volume workflows such as picking, sorting, putaway, and packing for increased speed and efficiency with every transaction.

- The 8680i wearable mini mobile is designed to speed frequent scanning tasks, leaving hands free to do the job needed.
- Engineered for 2,000 0.5-meter (1.6-feet) tumbles, the 8680i wearable mini mobile is built to endure rugged work environments.
- Honeywell Operational Intelligence workflow analytics to manage battery population lifecycle, ensuring uninterrupted full-shift operation, simple deployment of setting and firmware updates.
- Advanced version offers customizable line-of-sight screen, Wi-Fi, and SDK for application development, enabling the 8680i device to support streamlined work flows as a standalone device, replacing scanner + mobile computer alternatives.
- Field-reconfigurable accessories to the device module enable ring or glove form factor: extended or slim batteries tailor size/weight to duty cycle needs: Standard or Advanced versions to fit work flow needs.

Workers can lose 5 seconds every time they pick up, scan, and set down a handheld scanner. For workflows with frequent scanning, such as picking, sorting, putaway, and packing, this inefficient movement multiplies, representing a significant part of the workday. Wearable scanning ensures data capture is always at hand, increasing productivity and efficiency, and leaving the hands free to attend to other tasks. The Honeywell 8680i Wearable Mini Mobile Computer is a compact, high-performance, hands-free cordless scanner designed to help businesses improve workflow efficiency with every scanning transaction, reducing operational slowdown and support costs, and improving productivity. Available in a Standard model for simple Bluetooth-paired data collection or an Advanced model for standalone operation in directed workflows, the 8680i wearable mini mobile can add efficiency and effectiveness to the most common tasks. The Standard version offers lightweight, ergonomic Bluetooth-wearable scanning with clear communication of wireless connection, battery status, and scan results. With Wi-Fi, a customizable user-facing display, and a two-button interface, the Advanced model enables streamlined workflows with a single device vs. a scanner and mobile computer combination. Key information can be presented to the worker on the display to enable task-specific responses (for example, confirm action completion or mark an exception). Flexible configuration options can be tailored to the work environment with a choice of a two-finger ring or a glove option.

Specifications

FEATURES

Features

- Built Rugged for the Real World
- Customizable to Fit Application
- Ergonomic, Lightweight Design
- Honeywell Connected Workflow Analytics

Connectivity

- Bluetooth
- Bluetooth & Wi-Fi

SCANNING SPECIFICATIONS

Skew

- 60

Scanning Range

- Standard range (SR)

Scan Pattern

- Omni-Directional Area Image

Scan Distance

- Standard Range (0-1m)

Pitch

- 45

Number of Scans

- 8000

Motion Tolerance

- Up to 584 cm (230 in)/second

Decode Capability

- 1D/2D

Brightness

- 0 - 100000 lux

NETWORK

Bluetooth Specifications

- v4.1

HARDWARE

Battery Type

- Li-ion Battery

Feedback

Li-Ion Battery

Power Connector Type

- Cordless

Engine Type

- 2D

Charging

- Contact Charging

ENVIRONMENTAL

Storage Temperature Range

- - 20 - 60 °C
- - 4 - 140 °F

Operating Temperature

- - 20 - 50 °C
- - 4 - 122 °F

Operating Humidity

- 0 - 95 %

STANDARDS & APPROVALS

Protection Ratings

- IP54

IP Rating

- IP54

Drop Specifications

- 30 1.5 m (4.9 ft) drops to concrete

SERVICE TERMS

Warranty Duration

- 2 yr

ERP

Brand


- Honeywell

OTHERS

Industry

- Aerospace
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Feedback




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Part Number	50138994-002FRE
Description	Cable: power cord, power supply to AC outlet, straight, (India, C13) 1.5m, (5ft) SIGN IN
Part Number	8680I200-2
Description	Wearable Mini Mobile Standard, 1D, 2D (8680i). Battery, charger, and wearable attachments sold separately and required for use. SIGN IN
Part Number	8680I201-2
Description	Wearable Mini Mobile Advanced (EU), 1D, 2D, WiFi and interface customization (8680i). Battery, charger, and wearable attachments sold separately and required for use. SIGN IN
Part Number	8680I300-2
Description	Wearable Mini Mobile Standard, 1D, 2D (8680i). Includes extended battery, triggered ring and strap attachments. Charger sold separately and required for use. SIGN IN
Part Number	8680I301-2
Description	Wearable Mini Mobile Advanced (WW) 1D, 2D, WiFi and interface customization (8680i). Includes extended battery, triggered ring and strap attachments. Charger sold separately and required for use. SIGN IN
Part Number	8680I303-2
Description	KIT, WEARABLE MINI MOBILE, ADV, GMT, ANZ SIGN IN
Part Number	8680I304-2
Description	KIT, WEARABLE MINI MOBILE, ADV, GMT, WW SIGN IN
Part Number	8680I400-2
Description	Wearable Mini Mobile Standard, 1D, 2D (8680i). Includes glove mount attachment. Battery, gloves and charger sold separately and required for use. SIGN IN
Part Number	8680I403-2
Description	KIT, WEARABLE RING SCANNER, ADVANCED, AU SIGN IN
Part Number	8680I501-2
Description	KIT, 8680I FX PSCAN, ADV, GMT, NA SIGN IN

Product Number



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KIT, WEARABLE MINI MOBILE, ADV, GMT, ANZ

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8680I403-2

KIT, WEARABLE RING SCANNER, ADVANCED, AU

8680I403-2

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8680I501-2

KIT, 8680I FX PSCAN, ADV, GMT, NA

8680I501-2

KIT, 8680I FX PSCAN, ADV, GMT, NA

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Feedback

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